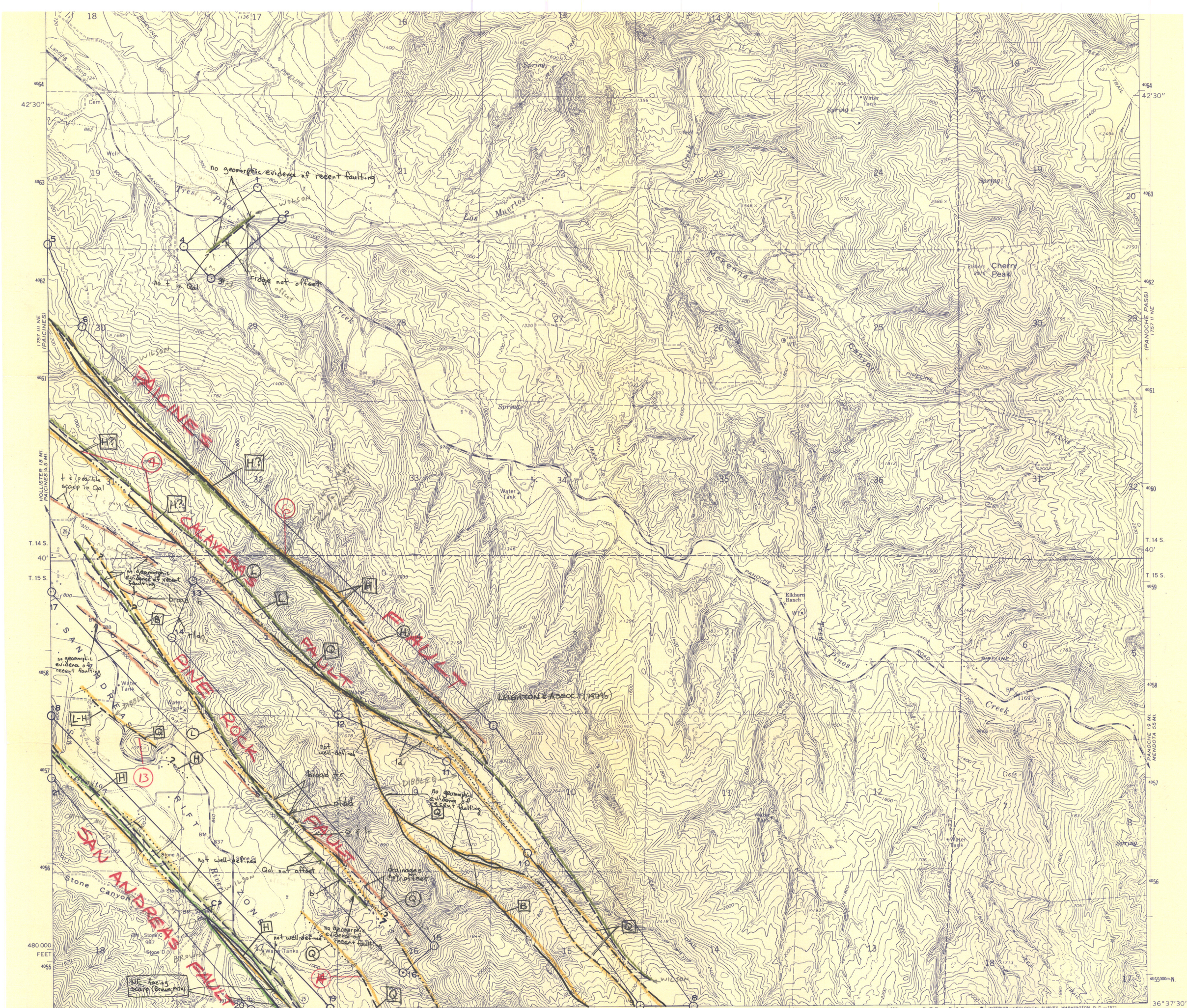

TOPOGRAPHIC BASE BY U.S. GEOLOGICAL SURVEY 1968

SCALE 1:24000

1 MILE · 0 · 1 · 2 · 3 · 4 · 5 · 6 · 7000 FEET

1 KILOMETER · .5 · 0 · 1

CONTOUR INTERVAL 40 FEET
DOTTED LINES REPRESENT 20-FOOT CONTOURS
DATUM IS MEAN SEA LEVEL

Figure 2d (to FER-164). Special Studies Zones Map (1974) of the Cherry Peak quadrangle. Annotations are by Bryant (this report), based on air photo interpretation.

MAP EXPLANATION

Potentially Active Faults

1906 C

Faults considered to have been active during Quaternary time; solid line where accurately located, long dash where approximately located, short dash where inferred, dotted where concealed; query (?) indicates additional uncertainty. Evidence of historic offset indicated by year of earthquake-associated event or C for displacement caused by creep or possible creep.

Aerial photo lineaments (not field checked); based on youthful geomorphic and other features believed to be the results of Quaternary faulting.

Special Studies Zone Boundaries

3 — 4

These are delineated as straight-line segments that connect consecutively numbered turning points so as to define one or more special studies zone segments.

(2) Locality referred to in text.

Location and orientation of trench excavation. Evidence of possible Holocene activity exposed in trench indicated in red.

Key to faulted and unfaulted deposits
□ - deposit offset ○ - deposit not offset
H - Holocene ; L - Late Pleistocene
Q - Quaternary ; B - Bedrock

STATE OF CALIFORNIA

SPECIAL STUDIES ZONES

Delineated in compliance with Chapter 7.5, Division 2 of the California Public Resources Code

CHERRY PEAK QUADRANGLE

OFFICIAL MAP

Effective: July 1, 1974

James E. Slosson State Geologist

IMPORTANT - PLEASE NOTE

1) *This map may not show all potentially active faults, either within the special studies zones or outside their boundaries.*

2) Faults shown are the basis for establishing the boundaries of the special studies zones.

3) The identification of these potentially active faults and the location of such fault traces are based on the best available data. Traces have been drawn as accurately as possible at this map scale, however, the quality of data used is highly varied. The faults shown have not been field checked during this map compilation.

4) Fault information on this map is not sufficient to serve as a substitute for information developed by the special studies that may be required under Chapter 7.5, Division 2, Section 2623 of the California Public Resources Code.

REFERENCES USED TO COMPILE FAULT DATA

Cherry Peak Quadrangle

Brown, R.D., Jr., 1970, Map showing recently active breaks along the San Andreas and related faults between the northern Gabilan Range and Cholame Valley, California: U.S. Geological Survey Miscellaneous Geologic Investigations Map I-575.

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Nason, R.D., 1971, Investigation of fault creep slippage in northern and central California: University of California at San Diego, Ph.D. thesis, 231 p.

Wilson, I.F., 1943, Geology of the San Benito quadrangle, California: California Journal of Mines and Geology, v. 39, no. 2, p. 183-270, pl. 3.

Dibblee (1979c)

164-10

Fig. 2d